

★RAKH/

V05

98-504779/43

★RU 2106713-C1

Matrix screen - has set of image forming elements and image correction device in form of flat lens consisting of two Fresnel lenses

RAKHIMOV A T 96.12.20 96RU-123703

(98.03.10) H01J 17/49, 31/08, 31/60

Screen comprises at least two image forming elements (1). The image correction device arranged on the image elements (1) surface is in the form of the flat lens (2) consisting of at least one Fresnel lens (3). The flat lens (2) can include two Fresnel lenses separated by the transparent bonding medium (4) with a refractive index different from the Fresnel lenses (3) material refractive index. A contrast filter is placed on the image correction device surface at the inter-element gaps. Optical scaling is ensured and each discrete image element size is increased.

USE - USE - in matrix displays and large panels made of separate light sources or other separate image elements.

ADVANTAGE - ADVANTAGE - optical scaling function is ensured and the distorted image zone is eliminated. (3pp Dwg.No.1/1)

N98-393347

